



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidadecounty.gov/economy

Horton Automatics Division of Overhead Door

4242 Baldwin Boulevard
Corpus Christi, TX 78405

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 110 Aluminum Automatic Sliding Door (Sx-O) w/ Breakout-NI

APPROVAL DOCUMENT: Drawing No. **040709-N REV 4**, titled "Series 2001/110 Non-Impact Single Slide", sheets 1 through 5, of 5 prepared by manufacturer, dated 11/25/09 and last revised on 07-31-16, signed and sealed by John E. Scates, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

Limitations:

1. Approved Hurricane protection Devices complying w/ FBC, are required, as applicable.
2. Not approved where water infiltration is required.
3. See sheet **3** for anchor and substrates options. Applicable edge distance to be measured from screw center line to the outer face of the substrate.
4. See glazing details in sheet **2**. See Max DLO in sheet **1** and max DLO for optional Muntins in sheet **3**
5. Electrical/ Electronic functions are not part of this approval and to be reviewed by appropriate Bldg. official.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # **13-0530.14** and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No. 15-0922.10
Expiration Date: October 09, 2023
Approval Date: April 07, 2016
Page 1

4/7/16

Horton Automatics Division of Overhead Door

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (see files below)
2. Drawing No. **040709-N REV 4**, titled "Series 2001/110 Non-Impact Single Slide", sheets 1 through 5, of 5 prepared by manufacturer, dated 11/25/09 and last revised on 07-31-16, signed and sealed by John E. Scates, P.E.

B. TESTS (submitted under file # 13-0530.14/#12-0801.09/ #10-0322.16)

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94 (Not conducted)
4) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with installation diagram of aluminum automatic sliding glass doors, prepared by Hurricane Testing Laboratories, Test Report No(s). **HTL-0322-0611-03** and **HTL-0322-0908-03** both dated 02/16/04, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis complying w/ FBC 2014 (5th Edition), dated 09/11/15, prepared, signed and sealed by John E. Scates, P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

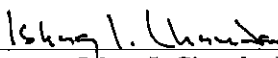
1. Technical data sheet of ExxonMobil Chemical's SantopreneTM 121-67W175 thermoplastic, extruded by Central Chemical Inc.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(5th Edition) & "No financial interest", dated 09/11/15, signed & sealed by John E. Scates, P.E.
2. Addendum letter dated 06-12-08, issued by Hurricane Testing lab, signed and sealed by Vinu Abraham, P. E. (submitted under files **#12-0801.05/ #08-0528.05**)
3. Lab compliance as part of the above referenced test report.

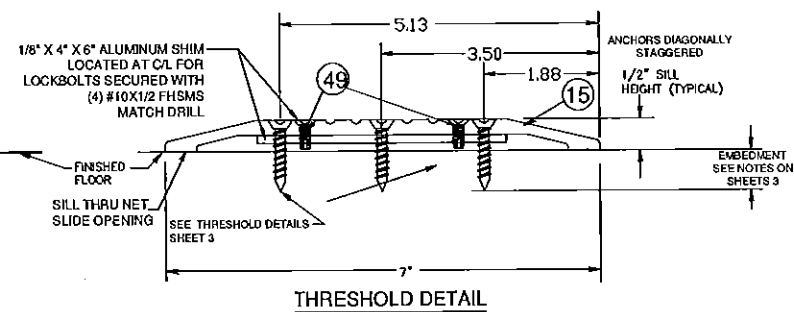
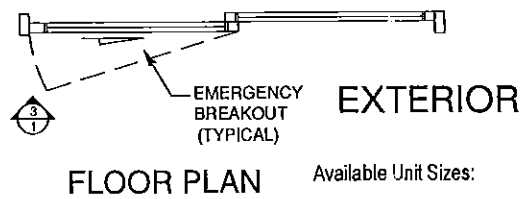
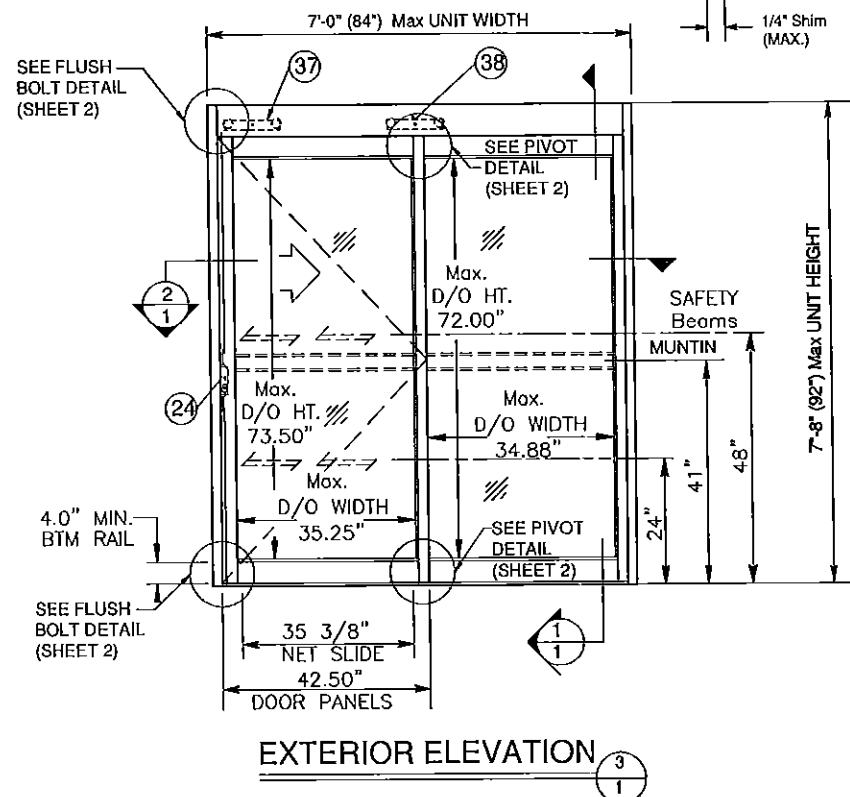
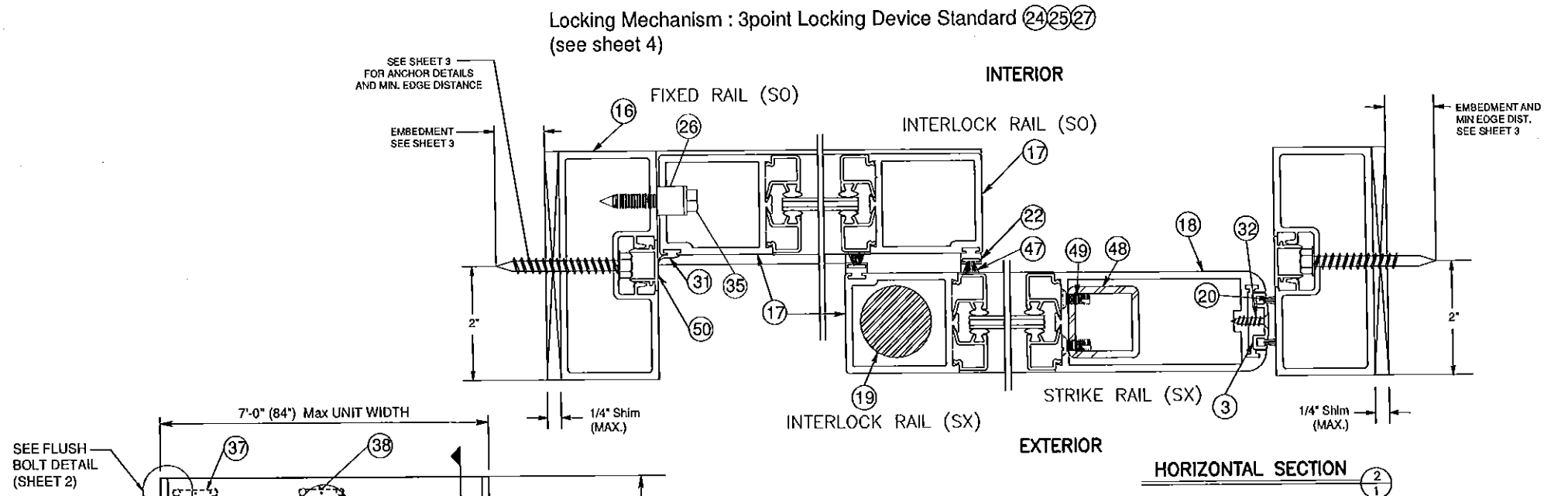
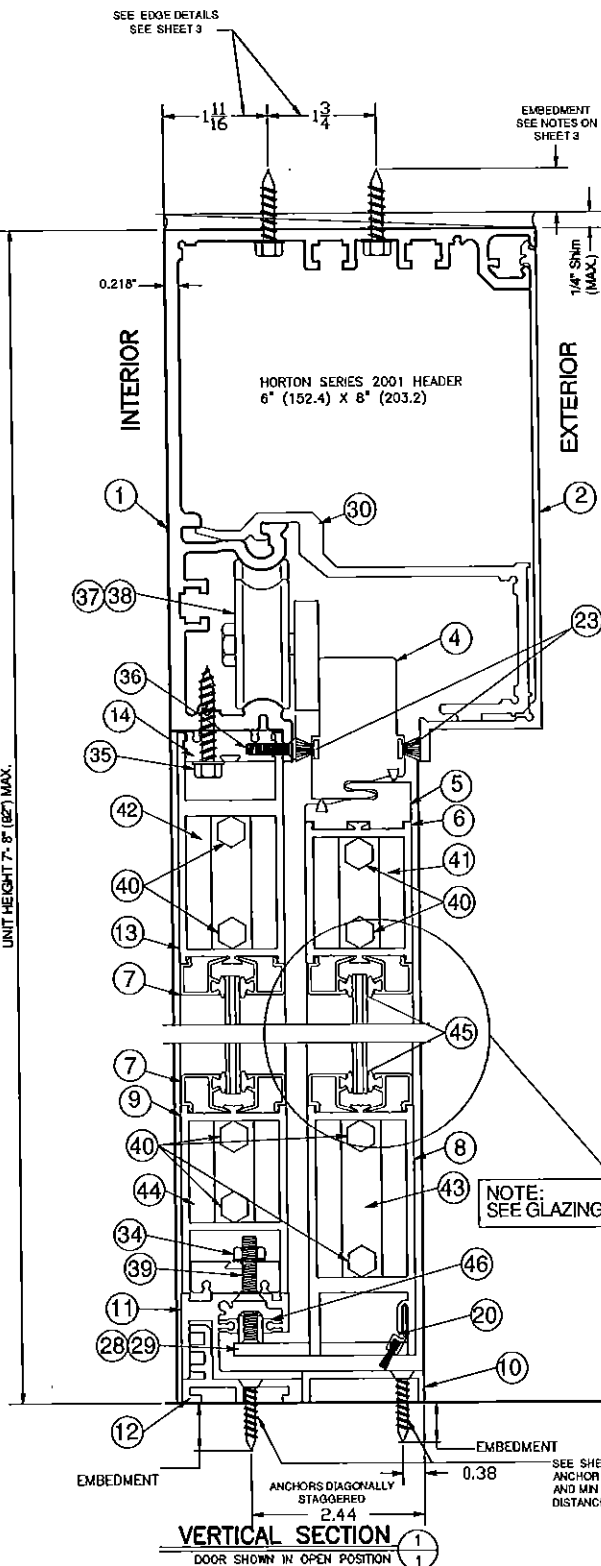
G. OTHER

1. This NOA **revises & renews** NOA # **13-0530.14**, expiring on October 09, 2023.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 15-0922.10
Expiration Date: October 09, 2023
Approval Date: April 07, 2016

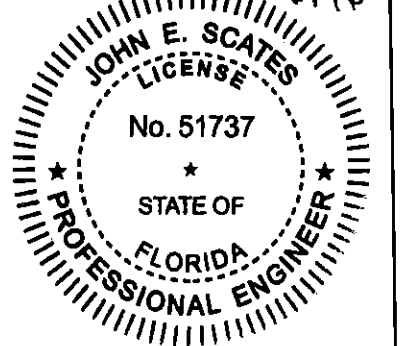
NOTE:
For fastener location and type see sheets 3
The 1.6 wind load allowance was used in the wood anchor
calculations for determining the minimum required anchor quantity
shown on these drawings



NOTES:

1. This product has been designed and tested to comply with the Current Florida Building Code, including High Velocity Hurricane Zone (HVHZ).
2. Electrical/Electronic functions are not part of this approval and must be reviewed by appropriate building official.
3. See anchor installation details concerning types, substrate, edge distance, spacing and embedment on sheet 3.
4. Fasten through 1x or 2x wood buck, must penetrate concrete substrate min 2.0\"
5. 1x or 2x buck to be properly secured to transfer load to the structure.
6. 1/4\"
7. All structural extrusions are 6063-T5 Aluminum with typical thickness of 1/8\", unless otherwise specified.

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0922-10
Expiration Date OCT 09, 2023
John E. Scates
Product Control

Available Unit Sizes:
7'-0\"

7' x 7'-8\"

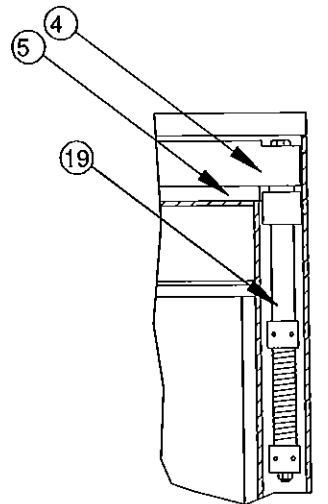
Series 110 Non-Impact Slide

Net Slide opening	Single Slide Doors	Where Water Infiltration Requirement is needed	Where Water Infiltration Requirement is NOT needed
35 3/8"	Not Approved	Not Approved	± 80 PSF

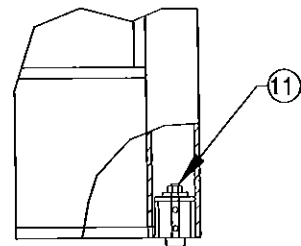
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1	RELEASE FOR P.E. APPROVAL	11/25/08	CONTRACTOR:
2	REVISED AS PER P.E. MARK-UPS	12/29/09	SERIES 2001/110 TYPE "0SX" & "SX-0"
3	REVISED FOR NOA RENEWAL	08/13/13	STYLE: NARROW FINISH:
4	REVISED FOR NOA	09/09/15	ACTUATION:
5			
6			
7			
8			

A DIVISION OF OVERHEAD DOOR CORP. 4242 BALDWIN BOULEVARD CORPUS CHRISTI, TEXAS 78405-3399 361-888-5591 1-800-531-3111 FAX: 361-888-6510, 1-800-531-3108	
JOB METRO-DADE	
LOCATION:	
DISTRIBUTOR:	DATE 08/13/13
DWN: M.JONES	P.O. #
CHK: ANAGOLUA	REV 1 of 5

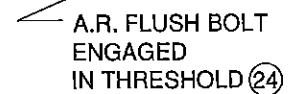
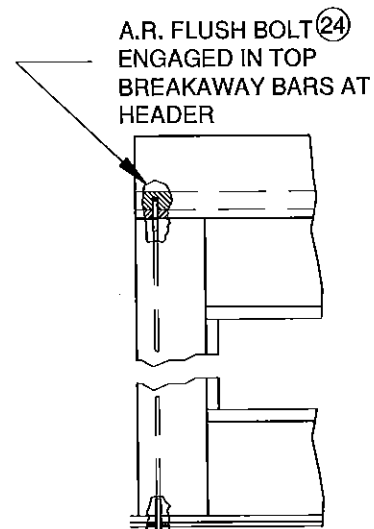
2001/110 Non-Impact
Slide Dwg. No. 040709-N



"SX" PANEL
TOP PIVOT

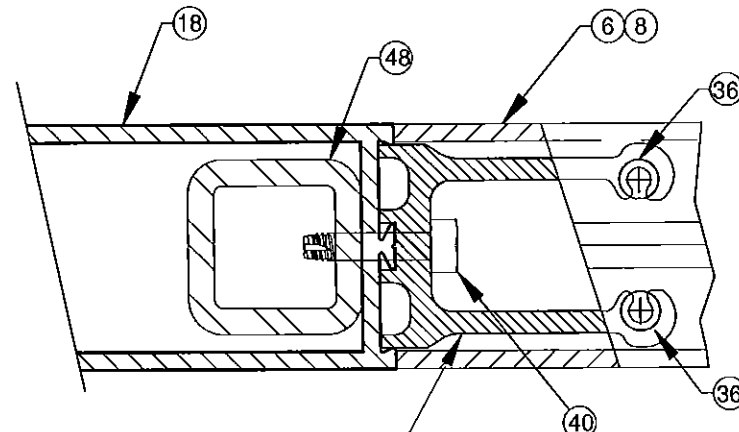


"SX" PANEL
BTM. PIVOT



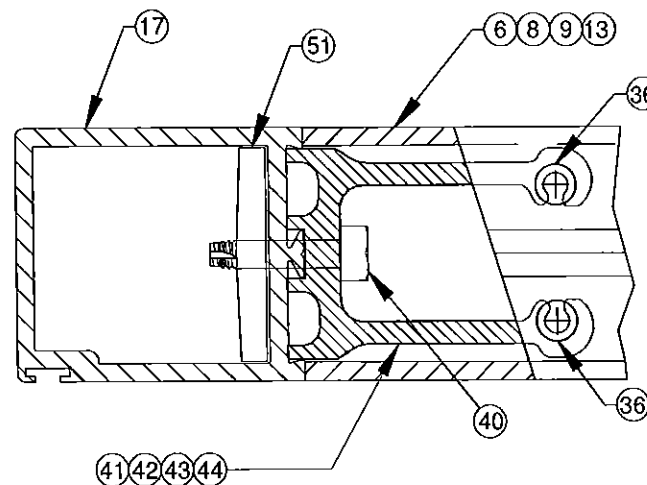
LOCK BOLT DETAIL

3-POINT LOCK



CONNECTION BLOCK
WITH REINFORCEMENT

STRIKE RAIL (SX)



CONNECTION BLOCK

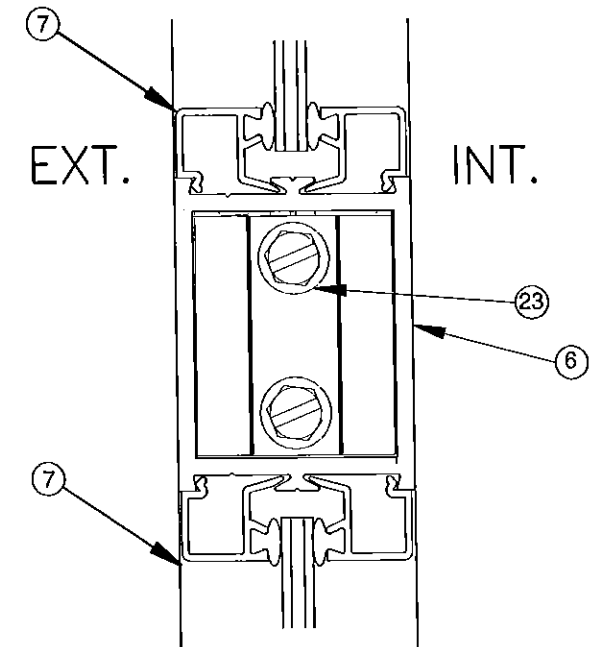
INTERLOCK RAIL (SX)
INTERLOCK RAIL (SO)
FIXED RAIL (SO)

WEATHERSEALS:
C350 NOSING SEAL
C524-FL SIDE PANEL BOTTOM SEAL
C293 WEATHER SEAL

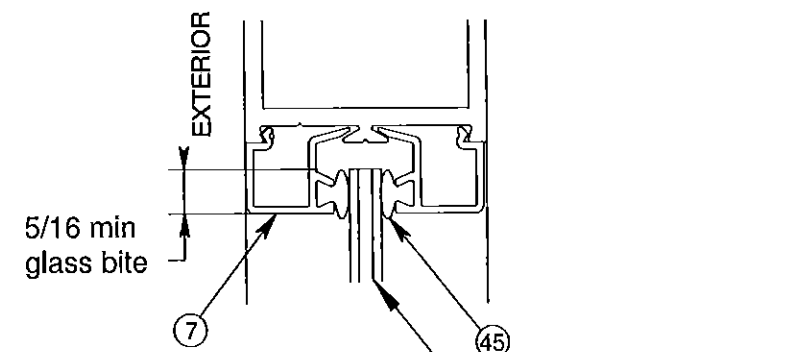
HARDWARE:
C883 THRESHOLD/HEADER BOLT

SCHLEGEL CORP. SKIRTING SEAL #1104-5101
FELTON NYLON BRISTLE #490621
SCHLEGEL CORP. #8430-5016-7

ADAMS-RITE #4015



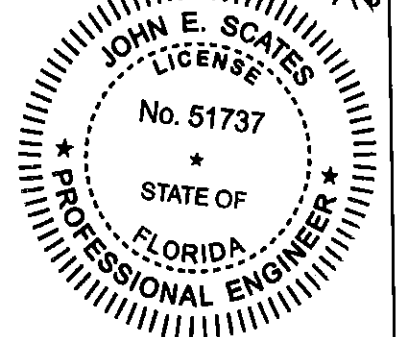
MUNTIN OPTION



GLAZING DETAIL

Series 110 Non-Impact Slide

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737



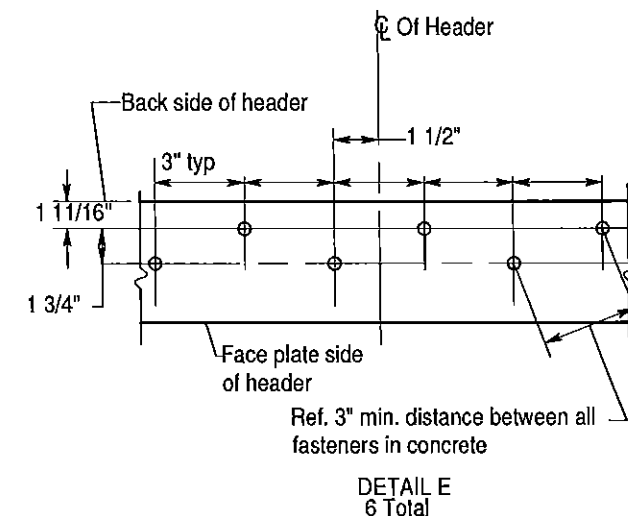
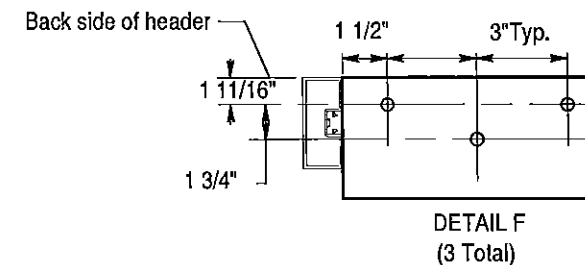
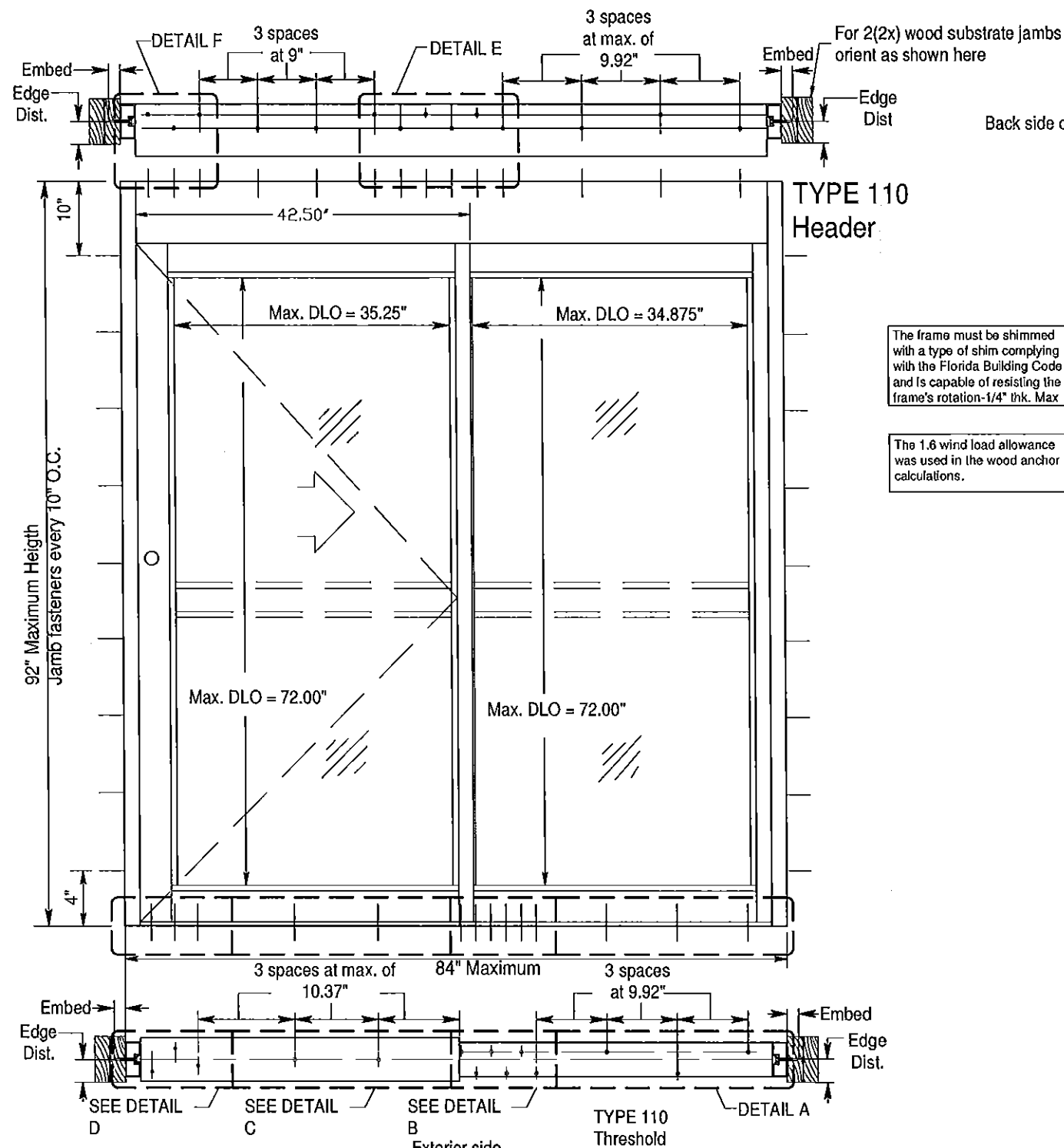
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0922-10
Expiration Date 10/09/2023

By: [Signature]
Metro-Deade Product Control

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	RELEASE FOR P.E. APPROVAL	11/23/09	CONTRACTOR:
2	REVISED AS PER P.E. MARK-UPS	12/23/09	SERIES: 110 TYPE "O-SX" & "SX-O"
3	REVISED FOR NOA RENEWAL	08/13/13	STYLE: NARROW FINISH:
4	REVISED FOR NOA	09/09/15	ACTUATION:
5			
6			
7			
8			

Misc. Details
Dwg. No. 040709-N

A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
CORPUS CHRISTI, TEXAS 78405-3399
1-800-531-3111
FAX: 361-888-5591, 1-800-531-3108
JOB: METRO-DADE
LOCATION:
DISTRIBUTOR:
DWN: M. JONES P.O. # SHEET 2 of 5
CHK: A. NADGOUDA DATE 04/10/09 REVISION 4



The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation 1/4" thk. Max

The 1.6 wind load allowance was used in the wood anchor calculations.

HEADER

Steel (0.125" Thick, Fy=36 KSI) - INTERCORP #14 Steel HWH Self-Drilling Screw (Grade 5), 0.625" Min. Edge Distance
 Aluminum (0.125" Thick Min./6063-T5) - 1/4"-14 HWH Sheetmetal Screw (Grade 5), 1" Min. Edge Distance.

JAMBS

Steel (0.125" Thick, Fy=36 KSI) - ITW TEKS SCREW (Grade 5) #14-20, HWH Self-Drilling Screw 0.625" Minimum Edge Distance
 Concrete (3350 PSI) - Crete-Flex SS4 1/4" HWH Concrete Screw/Anchor, 1.75" Embed, 2.5" Min. Edge Distance
 Masonry (Solid CMU ASTM C-90 Block) - Crete-Flex SS4 1/4" HWH Concrete Screw/Anchor, 1.25" Embed, 2.5" Min. Edge Distance
 Aluminum (0.125" Thick Minimum/6063-T5) - 1/4"-14 HWH Sheetmetal Screw (Grade 5), 1" Min. Edge Distance.
 Wood (#2 SYP) - 1/4" x 4" Long Lag Bolt - Grade 5, 2.75" Minimum Penetration, 1" Minimum Edge Distance. Minimum Buck (2) 2X8 W/Min G = .55.

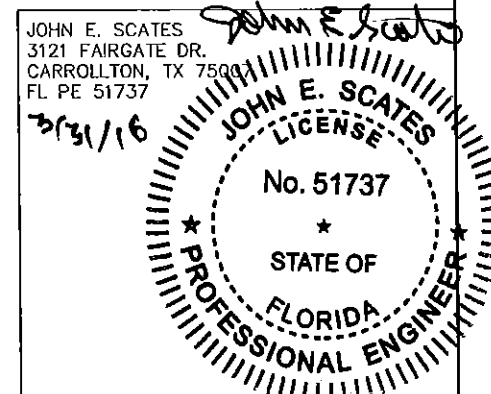
THRESHOLD

Steel (0.125" Thick, Fy=36 KSI) - ITW TEKS SCREW #14-20 PFH w/Wings Self-Drilling Screw (Grade 5), 0.625" Minimum Edge Distance
 Concrete (3350 PSI) - Crete-Flex SS4 FH 1/4" Concrete Screw 1.75" Embed, 2.5" Minimum Edge Distance
 Aluminum (0.125" Thick Minimum/6063-T5) - 1/4"-14 FH Sheetmetal Screw (Grade 5), 1" Minimum Edge Distance

Series 110 Non-Impact Slide Anchor Locations

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	RELEASE FOR P.E. APPROVAL	11/23/09	CONTRACTOR:
2	REVISED AS PER P.E. MARK-UPS	12/29/09	SERIES: 110
3	REVISED FOR NOA RENEWAL	08/13/13	STYLE: NARROW
4	REVISED FOR NOA	09/09/15	FINISH:
5			ACTUATION:
6			
7			
8			

Anchor Locations
 Dwg. No. 040709-N



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-0922-10
 Expiration Date 10/9/2023
 Issued by: Ismael L. Llanusa
 Date: 04/10/09

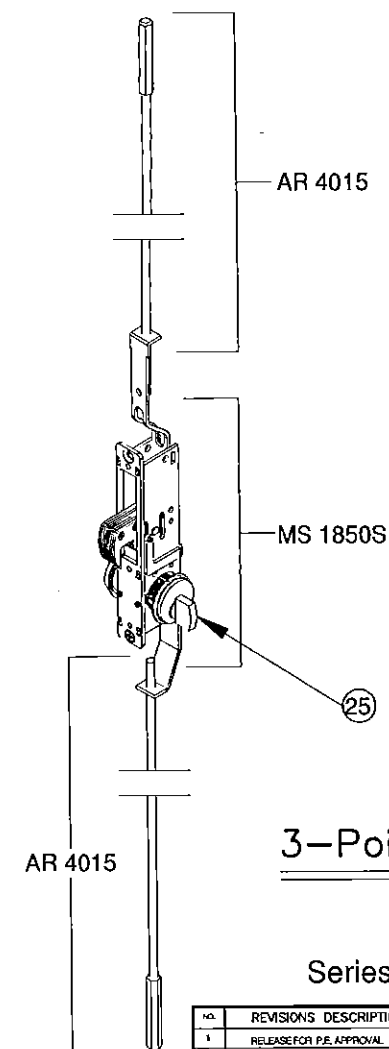
A DIVISION OF OVERHEAD DOOR CORP.
 4242 BALDWIN BOULEVARD
 CORPUS CHRISTI, TEXAS 78405-3399
 361-888-5591 1-800-531-3111
 FAX: 361-888-6510, 1-800-531-3108

Horton
 AUTOMATION

JOB: METRO-DADE
 LOCATION:
 DISTRIBUTOR:
 DWN: W. JONES
 CHK: A. NADGOUDA
 P.O. #
 DATE: 04/10/09
 SHEET 3 of 5
 REVISION 4

ITEM #	HORTON PART NUMBER	DESCRIPTION
1	C03600.005AB	ALUMINUM EXTRUSION: HEADER
2	C03601.002AB	ALUMINUM EXTRUSION: HEADER FACEPLATE
3	C00358.000R	ALUMINUM EXTRUSION: ASTRAGAL
4	C00314.0000	ALUMINUM EXTRUSION: INTERLOCK TOP
5	C00327.0000AB	ALUMINUM EXTRUSION: INTERLOCK LOWER
6	C00337.000R	ALUMINUM EXTRUSION: TOP RAIL (SX) & MUNTIN (SX/SO)
7	C00338.000R	ALUMINUM EXTRUSION: GLASS STOP
8	C00336.0001	ALUMINUM EXTRUSION: BOTTOM RAIL (SX)
9	C00325.0002	ALUMINUM EXTRUSION: BOTTOM RAIL (SO)
10	C00315.0000	ALUMINUM EXTRUSION: TRACK FILLER
11	C00330.0001	ALUMINUM EXTRUSION: BOTTOM GUIDE
12	C00386.0001	ALUMINUM EXTRUSION: ADAPTOR
13	C02801.0000	ALUMINUM EXTRUSION: TOP RAIL (SO)
14	C02899.0002	ALUMINUM EXTRUSION: CORNER BLOCK (USED AS REINFORCEMENT)
15	C00390.0000	ALUMINUM EXTRUSION: THRESHOLD 7"
16	C00351.0000	ALUMINUM EXTRUSION: JAMB TUBE 4" X 1-3/4 W/ POCKET
17	C00335.000R	ALUMINUM EXTRUSION: VERTICAL RAIL (SX/SO INTERLOCK) (SO FIXED)
18	C00363.0000	ALUMINUM EXTRUSION: VERTICAL RAIL (SX STRIKE)
19	C00818.000R	BAR TORSION
20	C00524.00FL	WEATHERSEAL BRUSH (FELTON #490621)
21	C00350.0000	NOSING SEAL SCHLEGEL #1104-5101
22	C00397.0000	ADAPTER FOR C00389.01FL
23	C00293.0000	WEATHER SEAL BRUSH SCHLEGEL #8430-5016-7
24	C00454.0000	LOCK, ADAMS RITE MS1850S W/ ADAMS RITE 4015 HEADER/THRESHOLD BOLT
25	C00463.0000	THUMBTURN ADAMS RITE 4066
26	C02098.0000	SECURITY POST; 1/2" O.D. X 3/4" LG X .083" WALL ALUM. TUBE
27	C00883.0000	3/8 HEXT BOLT ADAMS RITE 4015 EXTENDING INTO HEAD AND SILL 1/2"
28	C00843.01FL	BOTTOM GUIDE DOOR MOUNTED
29	C00844.01FL	BOTTOM GUIDE DOOR MOUNTED
30	C03638.0000	HEADER & FACEPLATE SUPPORT
31	C00371.000R	WEATHERSTRIP; PANEL TO JAMB
32	C00664.0001	#8 X 3/4 FHSMS
33	C09652.0000	#10 X 3/4 FHSMS
34	C00404.0000	1/4-20 LOCK NUT
35	C00417.0000	#14 X 1-1/2 HWSMS
36	C00449.0000	#10-24 X 1 FHMS
37	C03682.0006	DRIVE WHEEL ASSEMBLY
38	C03681.0001	IDLER WHEEL ASSEMBLY
39	C08151.0000	1/4-20 X 1 FHMS
40	C08150.0000	1/4-20 X 3/4 HHMB

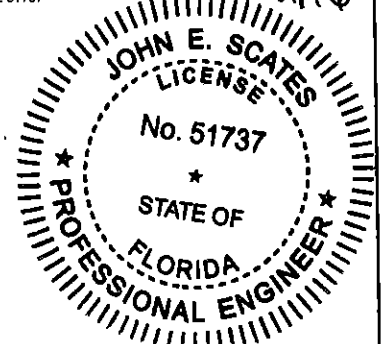
ITEM #	HORTON PART NUMBER	DESCRIPTION
41	C00537.000R	CORNER BLOCK (SX TOP) (SX/SO MUNTIN)
42	C09490.0001	CORNER BLOCK (SO TOP)
43	C00536.0001	CORNER BLOCK (SX BOTTOM)
44	C09582.0002	CORNER BLOCK (SO BOTTOM)
45	C00341.0001	VINYL GLAZING BULB
46	C00289.0000	TRACK CAP
47	C00389.001FL	INTERLOCK SEAL SCHLEGEL #7595-6011-0
48	C01905.0000	STEEL TUBE (1-1/4" X 1-1/4" X 3/16" X 80.50") A-36
49	C00437.000AB	#10-24 X 1/2 FHSMS
50	C00353.0000	COVER; RECESS - JAMB
51	C00538.000R	BACKUP PLATE; CRS



NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	RELEASE FOR P.E. APPROVAL	11/23/09	CONTRACTOR:
2	REVISED AS PER P.E. MARKUPS	12/09/09	SERIES: 2001/110 TYPE: "O-SX" & "SX-O"
3	REVISED FOR NO. RENEWAL	06/13/12	STYLE: NARROW FINISH:
4	REVISED FOR NO. A	09/29/15	ACTUATION:
5			
6			
7			
8			

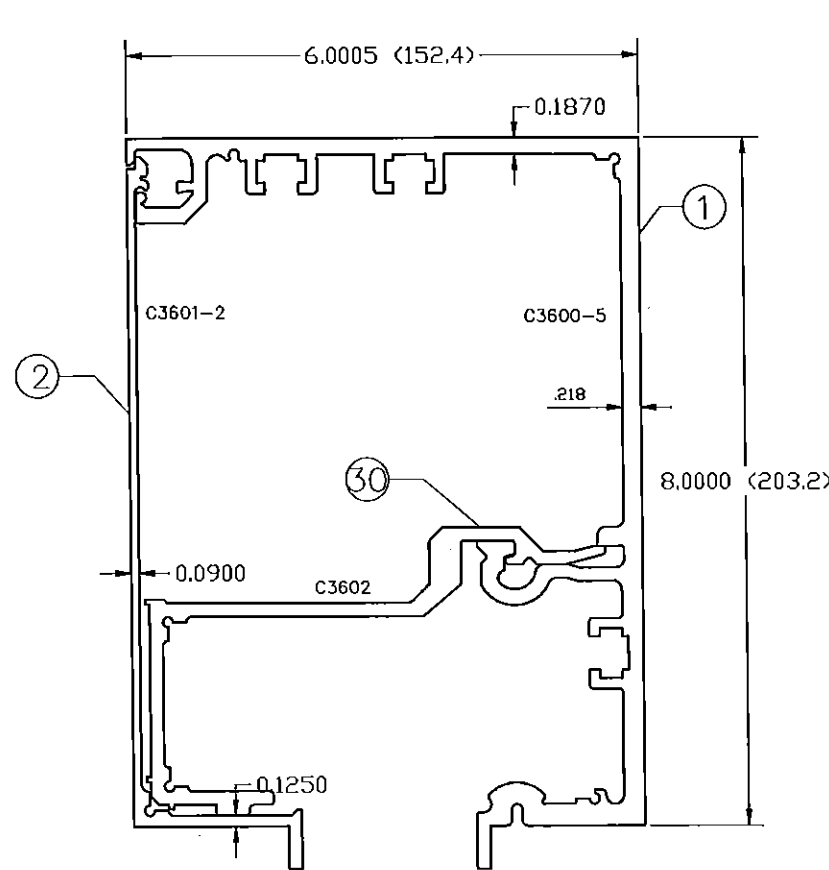
Bill of materials
Dwg. No. 040709-N

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737

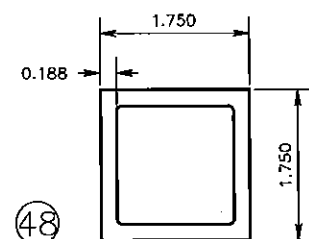
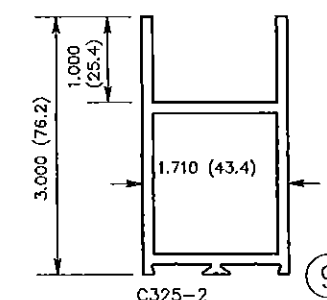
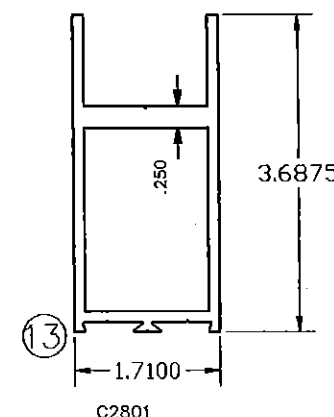
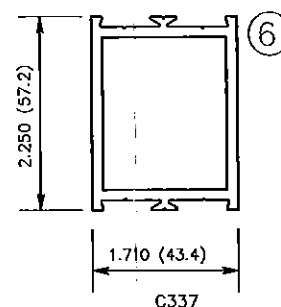
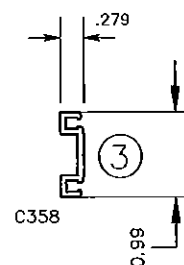
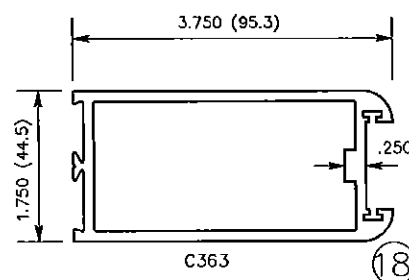
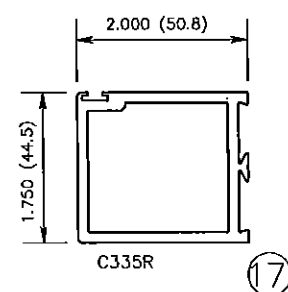
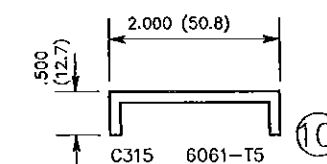
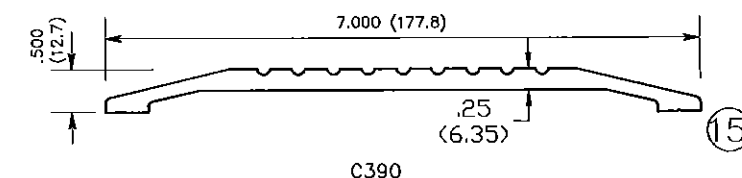
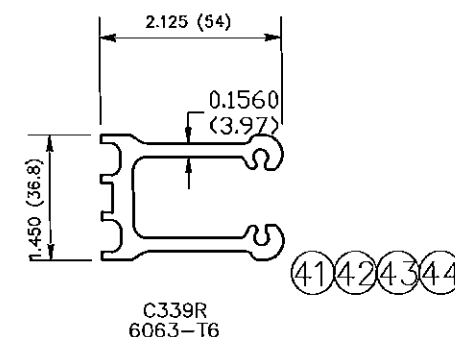
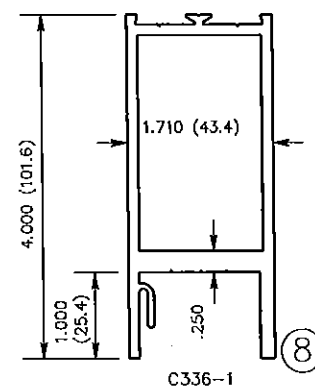
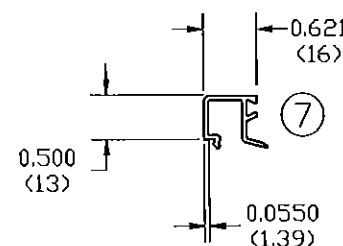
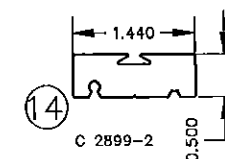
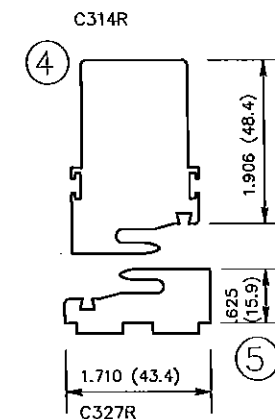
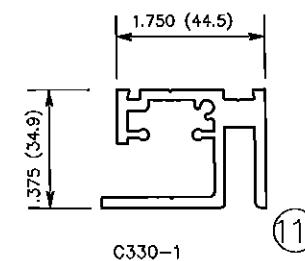
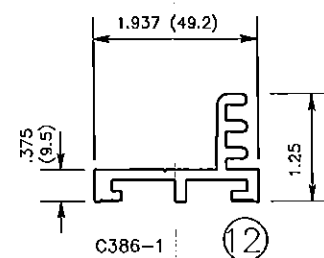
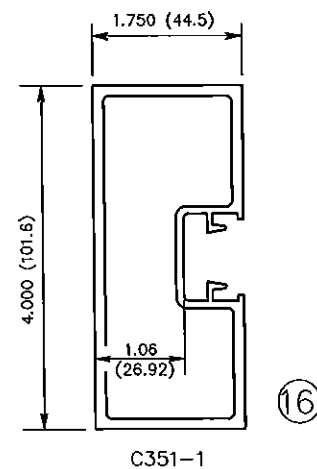


PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0922-10
Expiration Date 10/09/2023
by 164-g.l. Chang
Metro Under Product Control

A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-6591 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108
Horton
JOB METRO-DADE
LOCATION:
DISTRIBUTOR:
DWN: M. JONES P.O. #
CHK: A. NADGOUDA DATE: 04/10/09 REVISION 4



6" X 8"
(152.4) (203.2)
ASSEMBLED



C1905
ASTM A-36 STEEL

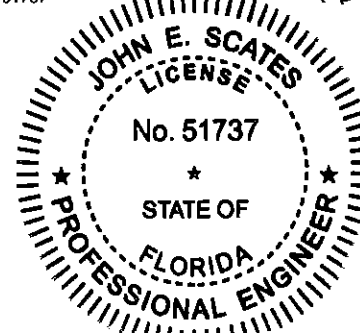
ALL EXTRUSIONS ARE 6063-T5 UNLESS
OTHERWISE NOTED & t min=1/8"

Series 110 Non-Impact Slide

NO.	REVISIONS DESCRIPTION	DATE	ARCHITECT:
1	RELEASE FOR P.E. APPROVAL	11/23/09	CONTRACTOR:
2	REVISED AS PER P.E. MARKUPS	11/29/09	SERIES: 110
3	REVISED FOR MOA RENEWAL	08/13/13	TYPE: "O-SX" & "SX-O"
4	REVISED FOR MOA	09/09/15	STYLE: NARROW
5			FINISH:
6			ACTUATION:
7			
8			

Extrusion chart
Dwg. No. 040709-N

JOHN E. SCATES
3121 FAIRGATE DR.
CARROLLTON, TX 75007
FL PE 51737



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0922.10
Expiration Date OCT 25, 2023
By: [Signature]
Metro Dade Product Control

A DIVISION OF OVERHEAD DOOR CORP.
4242 BALDWIN BOULEVARD
CORPUS CHRISTI, TEXAS 78405-3399
361-888-5591 1-800-531-3111
FAX: 361-888-6510, 1-800-531-3108
Horton
JOB: METRO-DADE
LOCATION:
DISTRIBUTOR:
DWG: M.JONES P.O. #
CHK: A.NADGOLDA DATE: 04/10/09 REVISION: 4